

FIG. 1

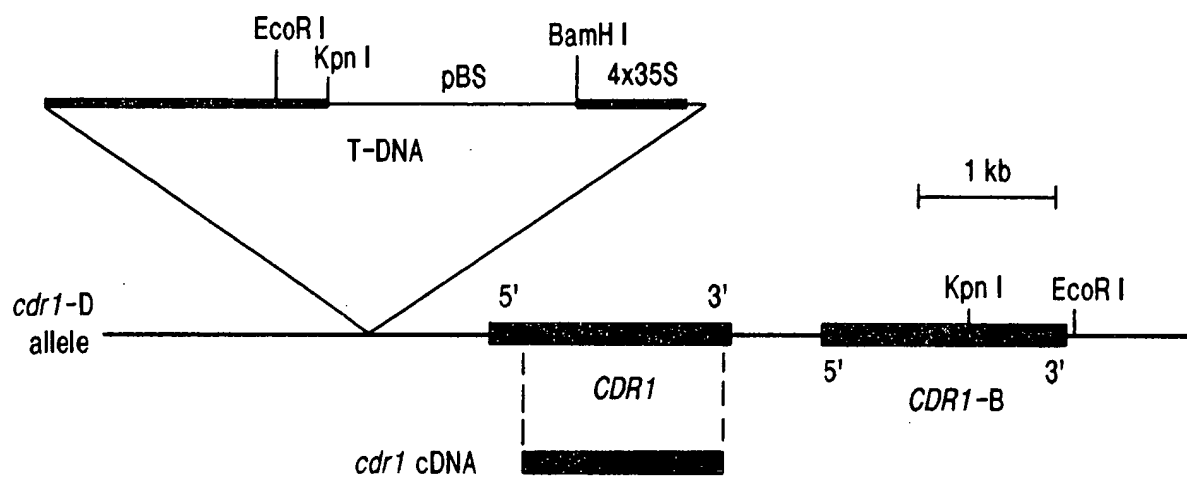


FIG. 2

Deduced amino acid sequence (SEQ ID NO:2)

MASLFSSVLLSLCLLSSFLSNANAKPKLGFTADLIHRDSPKSPFYNPMMETSSQRLRNAIHRSVNRVHFTEKDNTPPQ  
IDLTNSGEYLMNVSIGTPFPIMAIADTGSDLLWTQCAPCDDCYTQVDPLFPKTSSTYKDVSCSSQCTALENQASC  
TNDNTCSYSLSYGDNSTYKGNIAVDLTGSSDTRPMQLKNIIGCGHNNAGTFNKKGSGIVGLGGPVSLIKQLGDSID  
GKFSYCLVPLTSKKDQTSKINFGTNAIVSGSVVSTPLIAKASQETFYLTLSISVGSQKQIQYSGSDSESSEGNIIIDS  
GTTLLPTEFYSELEDAVASSIDAEEKQDPQSGLSLCYSATGDLKVPVITMHFDGADVKLDSNAFVQVSKDLVCFADR  
GSPSFSIYGNVAQMNFVGYDVTVSKTVSFKPTDCAKM

genomic DNA for CDR1 (SEQ ID NO:1)

GGACATTCTT GGTCTACTCC AAGAATATCA AAGATCCAGT CTCAGAAGAC CAGAGGGCTA TTGAGACTTT  
TCAACAAAGG GTAATATCGG GAAACCTCCT CGGATTCCAT TGCCCAGCTA TCTGTCACTT CATCGAAAGG  
ACAGTAGAAA AGGAAGATGG CTCTACAAA TGCCATCATT GCGATAAAGG AAGGCTATC GTTCAAGATG  
CCTCTACCGA CAGTGGTCCC AAAGATGGAC CCCACCCAC GAGGAACATC GTGGAATAAG AAGACGTTCC  
AACCACGTCT TCAAAGCAAG TGGATTGATG TGATATCAAA GATCGGAGAG TTATTTTATT TTAATTGTAC  
TATATTTATA TTGTGATGTT TCTCTTAAAT TAAATTTTA TGACTATATA TATGACAATA TATATATATA  
TATATATATA TATATACATT ATTGAGATAG ATATGAATA CATTAGTTTA TCATTAAATT TAATAGGTAC  
TGATCTTCAA ATTATTTCA AACGATTCTC TGTCATTTT TCGATATTTT TAAACTAAAA TCCATTTTTT  
AAAAAATAGA CTGATTTAAC AAACATTAAA AGTTAATTGT TTCTGTACAT GCCACGGATC GAAAATGAGT  
CAGTAAATGA ATATTTTTA CCTAAAGTCA CACATTGTAT ATACCTAAGT AAATGATACA GACCAAAATT  
AGAAAGATCAA GAATCCTTAT ATTACGAAAA TATCCGGTTA CATTCTGTTA ATACTTTAAT GAAGAATCTA  
GGATATAATT AAAGAAGAAG AAATATGTA AGCATTTAGA AATAAATAA CTTCGAGATA TAAGCAAAAC  
ATAAACACGT CCATATGAAT GAATGGTACA CTCCTCGTAA ATAAATAAAT ATATGCATCA AAATGAGAAA  
ATCTTCACTT TTATTTATTC TTAATACGTC AGATTCTCTG AACACAAAAT GATATAATTT GTAGATAACT  
TACTCAAAC GTAAGAACTC ACTATCTATT ATCATTTATT AACCACTC TCATTAATCT TATAAATATG  
TACTCAITAG ATTGTCAAAA GTAAACCTC ACAATACACT TTAAACTACA AATCAAAACA ATGCGCTCTC  
TATTCTCTC AGTTCTCTG TCTCTTGT TACTCTCTC ACTTTTCTC TCAAATGCAA ACGCTAAGCC

FIG. 3A

AAACTAGGC TTCACCGCGG ATCTAATCCA CCGTGATTCT CCTAAATCGC CGTCTATAA CCCGATGGAA  
 ACCTCTTCCC AGCGTCTACG AACGCGGATC CACCGATCCG TTAACCGTGT TTTCCATTTC ACTGAAAAGG  
 ATAACACACC ACAACACAG ATTGACCTCA CCTCAAATAG CCGTGAATAT CTCATGAACG TATCCATTGG  
 AACACCTCCT TTCCCGATCA TGGCCATCGC CGACACCGGA AGTGATCTCC TCTGGACGCA GTGCGCACCA  
 TGGGATGATT GTTACACTCA AGTTGATCCT CTCTTTGACC CTAAACGTC TTCCACATAC AAAGACGTTT  
 CTTGCTCCTC AAGTCAATGT ACTGCCCTAG AAAATCAAGC CTCTTGTTCC ACAATGACA ACACCTTGTT  
 TTAATCAATTG TCTTACGGGG ATAACTCATA CACAAAGGTT AACATCGCCG TGGATACCTT AACGCTCGGC  
 TCCAGCGATA CCGGCCCTAT GCAGCTTAAG AATATTATTA TCGGTTGTGG TCACAACAAC GCTGGAACGT  
 TTAACAAGAA AGGCTCTGGA ATCGTCGGAC TAGGTGGTGG TCCGGTTTCG CTTATCAAGC AACTTGGCGA  
 CTCCATCGAC GGTAAATTCT CATACTGCTT GGTTCTCTA ACTTCCAAA AGGATCAAAC GAGTAAATC  
 AACTTCGGAA CCAATGCCAT CGTGTCGGGA TCAGGAGTTG TCTCAACTCC TCTGATCGCA AAGCGGCTC  
 AAGAGACCTT CTATTACCTA ACCCTAAAT CCATTAGCGT GGAAGCAAG CAAATCCAAT ACTCAGGCTC  
 AGATTCTGAA AGCAGCGAGG GAAACATCAT CATCGATTCA GGCACAACCTT TAACGTTATT ACCGACTGAA  
 TTTTACTCCG AGCTCGAGGA TGCGTTGCA TCCTCTATCG ATGCTGAGAA GAAGCAAGAT CCACAAGCG  
 GTTTGAGTCT ATGTTACAGT GCAACCGGAG ATCTAAAGT TCCAGTCAAT ACTATGCAAT TTGATGGAGC  
 CGATGTGAAG CTTGACTCCT CCAATGCCTT TGTACAAAGT TCGGAGGATT TGGTTTGCTT TGCCTTCCGC  
 GGAAGCCCGA GTTTCTCCAT ATACGGTAAT GTGGCGCAGA TGAACCTTCT TAGTTGTTT CATCTCAACA TGTTTTCAA  
 CCAAAACCGT GTCATTTAAG CCAACAGATT GTGCAAAAGT GTAGTTGTTT TTTTGAATTT TTCTAATTCA  
 AATTGTGTT TCAATTACAA TAATGGCTGA TTTAGTTTCA GCCTTAGTTC TCTTTTGGTG ATGCTTTGTA  
 CATGTAGTAG TCTATCTTTT CAAGGGAGAG TTAATTTCTC GACCTTTTGT TAACTATTTT CTTGTCCATC  
 TTTCCTTGAA TTTTCAATCA CAATTAAAT CATGAAAACC TTATCTCCGG TACAAGACAA TTCTATAATT  
 TCTATACTCT GTTTAGTTT ATAATCATCT CTATGATGTA AACCAATAT GACAAGACAA TTCTATAATT  
 TTGTTCAAAA TTTAGTTTT TTTTTCATTT TACTAATAAA ATCTAGAAAT ACTACTTTTG TGCTATTAT  
 ATTAATTGTA TGAATACTT ATAGAACA GATGAATGTG ATTCTAATTC AATATTGCTT TTAAGGAATT  
 ATATTGGTCC TACTATTCTA TTTTGATG TGCTATATT TACTATATTC AATGGATTA TGGATTATAG  
 AAATATTTTG AAATATTAT ACTATTATT ATAAATAATT CAATTAGTTT TTCTTCTTAA GTTTCTTATA  
 AAAAATAAAT ATATCTTATA AGAAATAAAT ATATTTTATA TTTCATAAAA ATCATACATT GTACATATCT  
 AGTGGATGA TACATGGCCT AAATTAGATC ATGAATCATA AAAATCCAGC TGTAGATAAA CATAACAAGG

FIG. 3B

ATGAATGGTA CAATCCTGGT CAAAAAAT AAAAGGAAA GTTATATGCA TTAAATGAG AAAATCTTCG  
 CTTTATTGT TTCTTATTA TCAGATTCTC TAAATGTAAA TGACACAATT TGATAGATAAT TTAGTAAAAA  
 TGTAAAGAATC TCATCATGTA CTACCAATTA TGAATCCTTA TCCAATTGAC CTTATAAATA TTACTCATCA  
 GATTGTCAA AGTAAAAACT GACCAATTCAG GCAATCACTT AAACATACAAT CTAAGAAAAAT GGCCTCTCTA  
 TTCACCTTAC TTCTCTTGT TCTATGTTA TTCTCTCTC CTATTTCTC AAACGCAAAAC GCCAAACCAA  
 AACTAGGCTT CACCGGGAT CTGATCCACC GCGATTCTCC TAAATCGCCA TTCTATAACC CGCGGAAAC  
 CCCTTCCCA CGTATGAGAA ACGCTATCCA CCGATCCTT AACCGTGCTT CCCATTTCAG TAATCTTTT  
 GAAAAGGATG CATCACTTAA CGCACCAAA ACTGATATCA CCAAATATT CCGTATATAT CTTATGAACG  
 TATCCCTTGG GAGTTGGGAC ACCTCCGTC CCAATCATGG CCGCCGCTGA CACCGGAAGT GATCTCATCT  
 GGACGCAGTG CAACCATGC GATGATTGT ACACTCAAGT TGATCCTCTC TTGACCCCTA AAGCGTCTTC  
 CACATACAAA GACGTTTCTT GCCCTCAAG CCAATGTAGG GCTCTAAAG ATGATGCTTC TTGTTCCAAA  
 AAAGACAACA CTTGCTCTTA CTCAATGAAT TACGGGGATA ACTCATACTC ACGGGTAAT GTCGCTGTGG  
 ATACCTTAAC GTCGGGCTCC ACCGATAACC GTCCGGTGCA GGTAAAGAA ATTATCATCG GTTGTGGTCA  
 CGAAAACGCT GTAACATTTA GAAACAAGAG CTCTGGAATC GTTGGACTTG GTGGTGGTGC GGTTCGCTC  
 GTTAAACAAC TCGGAGACTC CATCGAAGT AAATTCTCAT ACTGCTTGGT ACCTGAAAAT GATCAAAACGA  
 GCAAGATTAG TTTGGGAACC AATCGGTTG TGTCGGGACC GGGAACCTGC TCAACTCCTT TGGTCGTGAA  
 GTCTCCAGAG ACCTTCTATT TTCTAACCTT AAATCTATT ACCGTGGGAA GCAAGAATAT GCCAACCCCA  
 GGCTCTGATA TCAAGGGAAA CATGCTCATC GATTCGGGCA CAACCTAAC TCTGTTACCT GGGAATATT  
 ATTTCCAGAT TGAGAGTGCT GTTGGTCTT TAATCGATGC AGAGAGGTGC AAAGATGAAA GAATCGGTTC  
 GAGTCTTTGA TACAATGCAA CCGCAGATCT GAAAGTCCCA GTCATTACTA TGCATTTCGA TGGAGCAGAT  
 GTGAAGCTTG ATTCCTATAA TTCATTTTT AAAGTCTCAG ATGATTGGT TTGCTTTGCC TTGGCTTGA  
 ACTTGATTAC GAGGGATGG ATATACGGGA ATGTGGGCA GAAGAACTT CTTGTTGGAT ACGACACTGT  
 TTCCAATCG TTGTCATTTA AAAAAACAGA TTGTGCAAG ATGTAGATGG TTCAGCTTAG CATGTGGCTA  
 ATTCCTTTTTCAAAAGTATGTTTTCAGTTATCATTTATGCTGCTGATTTGATTTAGCCTTAAATAGTTATTGAATTC

FIG. 3C

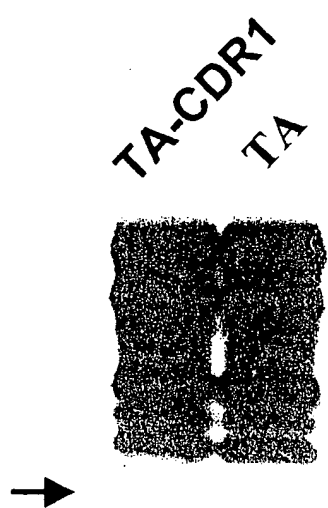


FIG. 4A

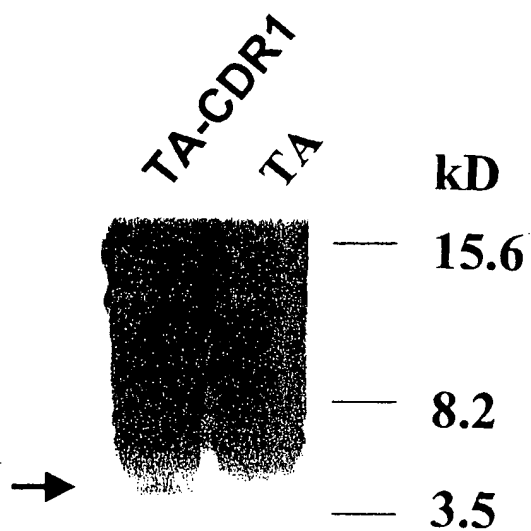


FIG. 4B